

PAT-NO: JP402237918A

DOCUMENT-IDENTIFIER: JP 02237918 A

TITLE: SUSTAINED RELEASE DICLOFENAC SODIUM
PREPARATION

PUBN-DATE: September 20, 1990

INVENTOR-INFORMATION:

NAME

OKADA, MINORU

KASAI, SHUICHI

IWASA, AKIRA

ASSIGNEE-INFORMATION:

NAME

SS PHARMACEUT CO LTD.

COUNTRY

N/A

APPL-NO: JP01114461

APPL-DATE: May 8, 1989

INT-CL (IPC): A61K031/195, A61K009/56

ABSTRACT:

PURPOSE: To obtain a preparation of daily single administration type capable of reducing maximum concentration in blood and maintaining a fixed blood concentration for many hours by coating a drug composition comprising diclofenac sodium and an organic acid with a long acting coating film containing an enteric polymer, etc.

CONSTITUTION: A drug composition containing diclofenac sodium and an organic acid (e.g. citric acid) in the weight ratio of 100:(250) is

coated with
1-80wt.% based on the drug composition of a long acting
coating film to give
the title anti-inflammatory agent or analgesic. An enteric
polymer to be
dissolved at pH 6.5-7 (especially pH7) is preferable as the
long acting coating
film and a long acting coating film comprising methacrylic
acid copolymer S, a
glycerin fatty acid ester and talc or ethyl cellulose,
polyvinyl pyrrolidone
and talc may be cited as the long acting coating film.
Sustained release
diclofenac sodium can be made into a sustained release
preparation by combining
diclofenac sodium with rapidly dissolving diclofenac sodium
not made into
sustained release type.

COPYRIGHT: (C)1990,JPO&Japio